



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/837,619	04/17/2001	Edgar Allan Tu	FUSN1-01106US0	8050

28554 7590 03/26/2002

VIERRA MAGEN MARCUS HARMON & DENIRO LLP
685 MARKET STREET, SUITE 540
SAN FRANCISCO, CA 94105

EXAMINER

NGUYEN, TAN QUANG

ART UNIT	PAPER NUMBER
----------	--------------

3661

DATE MAILED: 03/26/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/837,619

Applicant(s)

TU, EDGAR ALLAN

Examiner

TAN Q NGUYEN

Art Unit

3661

-- The MAILING DATE of this communication appears on the cover sheet with the corresponding address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAIL ACTION

Notice to Applicant(s)

1. This application has been examined. Claims 1-3 are pending.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:
3. The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
4. As per claim 1, the body in this claim refers to figure 2 of the application, which the preamble should be "The Map response subsystem".
5. As per claim 3, the "remote access system operatively coupled to the request handler" is unclear as from the figure 1, "the remote access system" 12 is the whole system and the "request handler" is subset of the map response subsystem 14. Clarification and/or correction are requested.
6. The remaining claims, not specifically mentioned, are rejected for incorporating the defects from their respective parent claims by dependency.
7. The following rejections are based on the examiner's best interpretation of the claims in light of the 35 U.S.C. 112 errors noted above.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject

matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chou (6,327,533) in view of Vaughn (5,485,161).

10. With respect to claim 1, Chou discloses the claimed invention which includes a request handler module configured to manage requests between the object location server and at least one of the user (see figure 1, item 502), a map generator for generating the graphical map data for the longitude and latitude of the object (see figure 4, item 505 and column 10, lines 57 to column 11, line 44), and Geographic Information System for providing more information to the user about road condition, route information or object data (see column 10,12, lines 1-21).

11. Chou does not disclose the longitude and latitude data are translated into the street address data. However, such means for converting the longitude and latitude data into the street address data is well known at the time the invention was made and is shown in at least figure 3 and the related text of the Vaughn reference. It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Vaughn into the system of Chou in order to provide the system with the enhanced capability of provide further information, i.e. the street address data from the known input latitude and longitude data, when needed.

12. With respect to claim 3, it is obvious that the server is configured to communicate with a host (base device) as shown in at last figure 8 of the Chou reference.

13. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chou and Vaughn as applied to claims above, and further in view of Machii et al. (6,324,467).

Art Unit: 3661

14. Chou and Vaughn disclose the claimed invention as discussed above except for the map system further provide driving direction from a source address location to a destination address location. However, the system for provide the driving direction from a source location to a destination location from the server is well known in the art and is suggested in at least the Machii et al. reference in at least the abstract and figure 2. It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Machii et al. into the systems of Chou and Vaughn by entering the coordinate positions for both the source and destination location, which are converted into the address data, and from there, the driving direction is provided from the server.

Conclusion

15. All claims are rejected.

16. The following references are cited as being of general interest: Morimoto et al. (5,544,061), Holmes et al. (5,946,615), Craport et al. (5,961,572), Oshizawa (5,987,381), Piwowarski et al. (6,141,621), Musk et al. (6,148,260), Perry et al. (6,252,547), Munson et al. (6,255,989), Pu et al. (6,292,743), Hancock et al. (6,295,502) and Cossins et al. (6,343,290).

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Tan Nguyen, whose telephone number is (703) 305-9755. The examiner can normally be reached on Monday-Thursday from 5:30 AM-4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski, can be reached on (703) 308-3873.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Art Unit: 3661

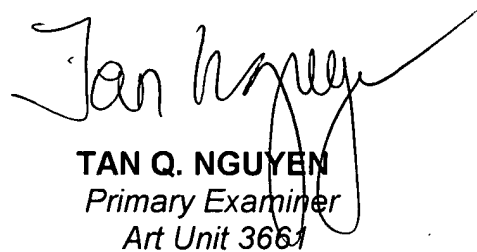
or faxed to:

(703) 305-7687, (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park V, 2451
Crystal Drive, Arlington, VA., Seventh Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be
directed to the Group receptionist whose telephone number is (703) 308-1113.

/tqn
March 18, 2002


TAN Q. NGUYEN
Primary Examiner
Art Unit 3661